

Conference Forums – 11 September 2022

Forums: Sunday 11 September 2022

On Sunday of the conference weekend the following forums have been organised, and hopefully more yet to come. Timings will be advertised closer to the AGM weekend on the conference web site. These forums are subject to change and cannot be guaranteed.

KiwiSAT AGM - Douglas ZLIBFS

OTC AGM - Selwyn ZL2BJO

The main parts of the agenda are to receive and adopt the audited annual accounts, the election of officers, general business, and the traditional collection in the "Grand Old Man's Hat". All are welcome to attend the AGM.

WARO AGM - Topsy ZL2LS

SOTA - Warren ZL2AJ

A chance for us to discuss Summits on the Air (SOTA), from the viewpoint of an activator and a chaser. The possible topics for discussion include how to activate a summit and maximise your chances of success; what equipment you need; what equipment is optional but may help; how to log your contacts; using the various tools for SOTA, including solt.as and SOTAwatch; and what activities are happening in the SOTA world.

HF Magnetic Loop Antennas — Wellington Branch 50

Wellington Branch has considerable experimental experience with both receiving and transmitting loops. Several members have constructed loops. The club sees value in passing on that "tribal knowledge" of what works and what does not when it comes to magnetic loops and accessories such as TX/RX switches. The branch supplies a kitset high voltage butterfly capacitor, suitable for most HF bands, for those wanting to construct a transmitting loop.

A new format for Branch monthly Meetings: The Shed Workshop — Wellington Branch 50

In all months except for January, the Wellington Branch holds a Shed Workshop meeting. This is in addition to the regular branch meeting. These workshops are held in the garages (sheds) of members. Seating is typically available for 10 — 15 people. A presenter will demonstrate a construction project or test equipment to members. Shed workshops have been well attended and we believe they have a role in encouraging interest in home construction and assisting amateurs to become more proficient at their craft. This forum session would focus on how to run a shed workshop, typical shed workshop topics, and how to sustain interest in home electronics construction.

A new generation of test equipment — Wellington Branch 50

Amateur radio operators now have access to a new generation of test equipment to create a home electronics laboratory. The costs of oscilloscopes, signal generators, component testers, vector network analysers and spectrum analysers and such like have fallen dramatically. However, there are many traps for newcomers. This session will focus on how you might prioritise purchases, what products represent good value and where they can be acquired, and the traps that await beginners using these test instruments.

From the Microphone to the Antenna - Bob Heil - K9EID/Simon ZL2FAE

Bob will be coming in via video link, with Simon leading the presentation. Bob has been active in amateur radio from 1956. He is the founder of Heil Sound and even created a separate division to cater for the needs of amateur radio with his latest creation Parametric Receive Audio System Equalizer. This took a year of design and testing and was released three years ago. Bob is a "get out there and do it" kind of guy. He even lived for eight years in a rural property in the Ozarks to allow him to experiment with directional wire antennas. He started the Ham Nation podcast on Leo Laporte's Twit Network which is now hosted by the Ham Radio Crash Course YouTube Channel. He is an innovator and passionate home brewer who recently developed a project called the Pine Board Project (because it is built on pine boards), a simple but safe DIY retro style transmitter. <https://heilhamradio.com/the-pine-board-project/> Above all, Bob loves ham radio conferences and events, and until Covid hit worldwide hosted forums at all the major US ham events.

Receiving the Hydrogen Line at 1420 MHz - David ZL4DK

What is it? What can it be used for? Something new to learn perhaps! Come along to learn more.

The future direction of *Break-In*- Philip ZLIPSH

A discussion lead by the Editor of Break-In. Come along to learn the future direction of the association's magazine and, more importantly, to have your say on what the future direction could or should be.

IARU Discussion - John ZL2JPM

An update on the international scene, changes, happenings, and watch is occurring in IARU Region 3 as well as the rest of the world.

SPAM - Kelvin Barnsdale ZL3KB

An update on the recent Green Radios on the Air (GROTA) propagation

Contests – Forum/Workshop- Geoff Clark ZL3GA

Focus would be on the NZART Contests and moving towards electronic log submission. Including a practical session on setting up the software so people can bring along a laptop and go away with it installed and running.